1969

Carmarthen Urban Sanitary Authority

NINETY-SEVENTH

ANNUAL REPORT

of the Sanitary Conditions of the County of the Borough of Carmarthen

by

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JOURNAL CARMARTHEN

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PREFACE

To the Mayor, Aldermen and Members of the Council of the Borough of Carmarthen

It is again pleasing to report that the health of the population remained at a satisfactory level.

I wish to gratefully acknowledge the work carried out by my staff and to thank the Members of the Public Health Committee and the Council for the whole-hearted manner in which they have supported me. I also wish to thank my colleagues and their staff for their continued support and help.

I am,

Mr. Mayor, Aldermen and Councillors,

Your obedient Servant,

ELFYN T. JONES
Medical Officer of Health

PUBLIC HEALTH COMMITTEE

Membership:

The Worshipful the Mayor Alderman D. J. Howells.
Chairman: Councillor W. J. Rogers.
Vice-Chairman: Councillor R. B. Evans.

Members: Aldermen W. Colvin; T. L. Davies; C. W. Griffiths. Councillors J. H. Davies; W. Davies; T. J. Hurley; J. S. James; D. S. Jones; W. Jones; E. Rees.

STAFF

Medical Officer of Health:
ELFYN T. JONES, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Official address and telephone number of Medical Officer of Health:
Public Health Department, 3, Spilman Street, Carmarthen.
Telephone Number: Carmarthen 5131

Clerk to the County of the Borough of Carmarthen:
W. JOHN OWEN, Esq.

Borough Engineer and Surveyor:
J. VIVIAN EVANS, C.Eng., A.M.I.Mun.E., M.R.S.H., A.M.I.H.E.

Borough Treasurer:
H. WILLIAMS, F.I.M.T.A.

Senior Public Health Inspector:
E. W. FRANCIS, M.A.P.H.I., C.R.S.H. (Meat Certificate).

Additional Public Health Inspector:
D. P. SEAL, M.A.P.H.I., M.R.S.H., (Meat Certificate)

Shops Inspector:
E. W. FRANCIS, Senior Public Health Inspector.

Slaughterhouse Manager:
W. J. ORMAN, Esq.

Chief Inspector under the Food and Drugs Act:
E. G. NICHOLLS, M.I.W.M.A.

Public Health Department Clerks:
D. J. G. GRIFFITHS (Chief Clerk)
C. B. JONES
Miss M. A. DAVIES
A. LEWIS (Terminated duties 16/2/69).
Miss E. O. JONES (Commenced duties 5/5/69).

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

The Carmarthen Urban District Authority comprises the Parish of St. Peter's and is 5,223 acres in extent. The area is essentially an urban one although the outskirts of the town still remain essentially rural in character.

Social Conditions

Carmarthen is a very old borough; it is the county town of Carmarthenshire and an important agricultural centre. With its modern cattle market and situated in an area designated as free from bovine tuberculosis it has become the main agricultural marketing centre for West Wales. Only attested cattle are sold in this market which is one of the foremost cattle markets in the country. The main marketing days are Monday, Wednesday and Thursday but frequently marts are also held on other days. On an adjoining site, but totally separate from the attested cattle market site, there is a store cattle mart and a mart for sheep, pigs and calves. In addition a produce market is held on two days a week, namely on a Wednesday and Saturday.

From its geographical situation, and particularly due to its predominant agricultural outlook, Carmarthen does not appear to attract industrial development. Any industrial development must of necessity be associated with agriculture, hence the large milk factory of the Unigate Creameries Limited established within the Borough boundary. I am indebted to the Manager of the Factory for the following information:—

'Total milk supplies for the year ending 31st December, 1969 was well up on the previous years.

The number of personnel employed at our Creamery has increased mainly due to an increase in our Butter Packing Plant. We continue to make use of the facilities provided by the Pibwrlwyd Technical College and many of our staff at all levels have attended courses there.

Butter manufacture is up once again on last year.

We continue to supply liquid milk to the South Wales and London areas. Both chemical and bacteriological qualities remain good'.

The principal occupations of the town residents are associated with agriculture, shops, offices, garages and commercial firms. British Railways still provide some employment but in a very much less way than formerly.

Public Swimming Baths

There are no public swimming baths in the Borough.

Population, Rateable Value, etc.

The estimated mid-year Home Population given by the Registrar-General for 1969 is 12,820.

The number of inhabited dwellings at the end of the year according to the Rate Book is 4,437.

The rateable value of the Borough is £616,837, and the sum represented by a penny rate is £2,485.

Comparison for the last five years

Year	1965	1966	1967	1968	1969
Population	12,830	12,880	12,950	12,850	12,820
Rateable Value ..	£580,960	£580,960	£596,979	£620,538	£616,837
Penny Rate ..	£2,250	£2,285	£2,298	£2,332	£2,485
Inhabited Houses ..	3,955	3,955	3,996	4,187	4,437

Vital Statistics

Live Births	Males	Females	Total
Legitimate ..	84	62	146
Illegitimate ..	8	5	13
Total	92	67	159

Birth rate per 1,000 estimated home population—12.40

Still-Births

Number	1	2	3
Rate per 1,000 total live and still-births			18.58
Rate per 1,000 estimated home population			0.23

Total Live and Still-Births	93	69	162
Infant Deaths (deaths under 1 year)	1	–	1

Cause of Infant Death:

Birth Injury, Difficult Labour etc.—1

Age at which infant death occurred:

Under 4 weeks—1

Infant Mortality Rates

Total infant deaths per 1,000 live births	6.29
Legitimate infants per 1,000 legitimate live births	6.84
Illegitimate infants per 1,000 Illegitimate live births	0.00

Maternal Deaths

Number of Deaths	—

	Males	Females	Total
Deaths (All Ages) ..	130	113	243

Death rate per 1,000 estimated home population ..	18 95

Vital Statistics and Comparison for the last Five Years:—

Year	Estimated Mid-Year Home Population	Live Births		Deaths (all causes)		Stillbirths		Maternal Deaths		Infant Deaths (under 1 year)	
		No.	Rate per 1,000 population	No.	Rate per 1,000 population	No.	Rate per 1,000 Live and Stillbirths	No.	Rate per 1,000 Total Births	No.	Rate per 1,000 Live Births
1969	12,820	159	*12.40	243	*18.95	3	18.58	—	0.00	1	6.29
1968	12,850	160	12.45	240	18.75	3	18.40	—	0.00	4	25.00
1967	12,950	144	11.12	233	17.99	2	13.70	—	0.00	1	6.94
1966	12,880	168	13.04	225	17.47	2	11.76	—	0.00	1	5.95
1965	12,830	168	13.09	228	17.77	4	23.26	—	0.00	2	11.90
England and Wales—1969		—	16.3 (a)	—	11.9 (a)	—	13.0 (a)	—	Not available	—	18.0 (a)

*Adjusted: Live birth-rate (comparability factor 1.04) = 12.89 per 1,000.
Death rate (comparability factor 0.66) = 12.50 per 1,000.

(a) Provisional rates.

CLASSIFICATION OF DEATHS 1969

	Males	Females	Total
Malignant Neoplasm, Buccal Cavity ..	1	—	1
Malignant Neoplasm, Oesophagus ..	1	—	1
Malignant Neoplasm, Stomach	3	1	4
Malignant Neoplasm, Intestine	2	6	8
Malignant Neoplasm Lung, Bronchus ..	6	—	6
Malignant Neoplasm, Breast	—	3	3
Malignant Neoplasm, Prostate ..	1	—	1
Leukaemia	1	—	1
Other Malignant Neoplasms	4	4	8
Benign and Unspecified Neoplasms ..	1	—	1
Diabetes Mellitus	3	1	4
Other Endocrine etc. Diseases	1	—	1
Other Diseases of Nervous System etc. ..	—	2	2
Chronic Rheumatic Heart Disease ..	1	—	1
Hypertensive Disease	3	4	7
Ischaemic Heart Disease	43	37	80
Other Forms of Heart Disease	5	5	10
Cerebrovascular Disease	14	18	32
Other Diseases of Circulatory System ..	5	5	10
Influenza	—	1	1
Pneumonia	13	10	23
Bronchitis and Emphysema	5	1	6
Other Diseases of Respiratory System ..	3	1	4
Other Diseases of Digestive System ..	2	2	4
Nephritis and Nephrosis	2	2	4
Other Diseases, Genito-Urinary System ..	1	—	1
Birth Injury, Difficult Labour	1	—	1
Symptoms and Ill Defined Conditions ..	1	—	1
Motor Vehicle Accidents	3	2	5
All Other Accidents	2	5	7
Suicide and Self-Inflicted Injuries ..	1	2	3
All other external causes	1	1	2
	130	113	243

Deaths in Age Groups

0— 1 years	1	35—44 years	4
1— 4 years	1	45—54 years	12
5—14 years	1	55—64 years	31
15—24 years	3	65—74 years	62
25—34 years	3	75 years and over	125

Cancer:

The number of deaths from Cancer in recent years:—

	1965	1966	1967	1968	1969
Malignant neoplasm, stomach ..	5	3	9	5	4
Malignant neoplasm – lung, bronchus	7	3	5	7	6
Malignant neoplasm, breast	4	1	3	3	3
Malignant neoplasm, uterus	2	3	1	1	—
Malignant neoplasm, Buccal Cavity ..	—	—	—	—	1
Malignant neoplasm Oesophagus ..	—	—	—	—	1
Malignant neoplasm Prostate ..	—	—	—	—	1
Malignant neoplasm Intestine ..	—	—	—	—	8
Other malignant and lymphatic neoplasms	13	18	18	17	8
Total	31	28	36	33	32

Laboratory Facilities

As in former years the Public Health Laboratory, situated at the West Wales General Hospital, Glangwili, Carmarthen, and which is under the direction of Dr. H. D. S. Morgan, again proved of inestimable value to the health services of the area.

Ambulance Facilities:

This service is under the control of the County Council, and the Station in the Borough of Carmarthen is one of the links in the County Scheme which serves the whole County.

Hospital Accommodation:

Infectious Diseases:

The Infectious Diseases Hospital is situated at Upper Tumble, near Llanelli, and is under the control of the Regional Hospital Board.

General Hospital Facilities

Hospital facilities are available at Priory Street and at Glangwili, Carmarthen and both hospitals are known as the West Wales General Hospital. The Hospital provides treatment for general medical and surgical diseases for the whole of the West Wales area. The West Wales Hospital Management Committee also provide beds for geriatric patients.

Home Nursing

This service is undertaken by five whole-time district nurses employed in Carmarthen Combined areas which covers the Borough and part of the Rural area.

The Care of Unmarried Mothers and their Children

Arrangements are made for unmarried mothers to be admitted to one of the following hostels:—Northlands, Cardiff; Cwmdonkin Shelter, Swansea; The Llandaff Diocesan Moral Welfare Committee Hostel, Penarth or the St. Martin's Home, Hereford.

These arrangements are made by the County Council and also the St. David's Diocesan Moral Welfare Committee.

Venereal Diseases

The Regional Hospital Board is responsible for the treatment of Venereal Diseases. Clinics, where free treatment may be obtained under conditions of secrecy and confidence, were held at the West Wales General Hospital, Glangwili, Carmarthen.

These clinics are held as follows:—

Males and Females—First and third Friday in each month—2 p.m. to 6. p.m.

WATER SUPPLY

As in former years careful watch was maintained on the bacteriological standards of the town's water supply. Numerous samples were taken at varying points and it is pleasing to note that with the exception of five, all the samples were satisfactory.

The following table summarises the samples of water taken by my Department during the year:—

Source	No. of Samples	No. Satisfactory	No. Unsatisfactory
Johnstown Area (St. Clears Road and Llanstephan Road)	112	110	2
Hospital	18	18	—
Henallt	55	53	2
High Level Supply (Limegrove Avenue and Trevaughan)	87	86	1
John Street	21	21	—
Tanerdy	21	21	—
Totals	314	309	5

The Borough Engineer and Surveyor reports as follows:—

Water Supply

(a) Supplies have in general been satisfactory in quality and quantity. A rise in waste in October, 1969 necessitated the impositions of restrictions which it is hoped can be ended very shortly.

(b) There have been no cases of bacterial contamination. The water has a slight plumbo-solvent action but treatment with lime reduces the aggressive action. Little lead pipe is in use.

(c) Number of homes supplied (estimated)—4,130
Population supplied direct—12,900 (estimated)
Supplied by stand pipes—120 (estimated)

(d) Plans for a high pressure trunk main to improve the supply in Johnstown have been approved and contract documents prepared. The Towy Water Scheme is expected to be operational before the end of the year.

Drainage and Sewerage

Ministry approval of the Trevaughan Sewerage scheme is expected shortly.

Plans are proceeding for the completion of the towns main sewerage and treatment works.

Housing

Plans are in preparation for 100 houses at Job's Well Lane and a scheme in under consideration for Woods Row.

Improvement Grants

During the year 33 applications for discretionary grants were dealt with. No applications for standard grants were received.

INFECTIOUS DISEASES

The following cases of infectious diseases were notified during the year:—

	Males	Females	Total
Measles	6	13	19
Scarlet Fever	4	3	7
Infective Hepatitis	—	1	1
Ophthalmia Neonatorum ..	—	1	1
Respiratory Tuberculosis ..	1	—	1
Non-Respiratory Tuberculosis	1	1	2

VACCINATION AND IMMUNISATION

Statistics relating to vaccination and immunisation during the year for the County as a whole, given by the County Medical Officer of Health, are as folllows:—

(i) **Smallpox:**

Age at date of Vaccination	Number Vaccinated	Number Revaccinated
Under 1 year	110	—
1 year	995	—
2—4 years	204	7
5—15 years	43	96

(ii) Vaccination of persons under 16.

	PRIMARY						
	Born 1969	Born 1968	Born 1967	Born 1966	Born '62-65	Others —16	Boosters
Triple Antigen ..	910	673	155	48	90	21	824
Diphtheria Tetanus ..	1	3	6	3	43	15	434
Tetanus	—	2	2	9	48	267	135
Polio (Sabin)	828	631	204	73	156	45	454
Measles	4	64	45	48	13	15	—

SCHOOLS

The Local Education Authority is the County Council.

There are seven Primary Schools (nine Departments) and three Secondary Schools within the Borough.

Schools closed on account of Infectious Diseases

No schools were closed on account of Infectious Diseases during the year.

TUBERCULOSIS REGISTER—NOTIFICATIONS AND WITHDRAWALS

	Respiratory		Non-Respiratory		Totals	
	M	F	M	F	M	F
Number of cases on Register 1/1/69	40	20	4	5	44	25
Number of cases notified for the first time during the year	1	—	1	1	2	1
Number of transfers from other areas during the year ..	1	1	—	—	1	1
Number of cases removed from the Register during the year	5	4	—	—	5	4
Number of cases remaining on the Register as at 31/12/69	37	17	5	6	42	23

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS 1969

Age Period in years	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
15—24 ..	—	1	—	—	—	—	—	—
25—34 ..	—	—	—	—	—	—	—	—
35—44 ..	1	—	—	—	—	—	—	—
45—54 ..	—	—	1	—	—	—	—	—
55—64 ..	—	—	—	1	—	—	—	—
65—74 ..	—	—	—	—	—	—	—	—
75 and over	—	—	—	—	—	—	—	—
Age Unknown	1	—	—	—	—	—	—	—
Total ..	2	1	1	1	—	—	—	—

TUBERCULOSIS—INCIDENCE AND DEATH RATES FOR LAST TWENTY YEARS 1950-1969

Year	Incidence			Deaths		
	Case Rate per 1,000 Population			Death Rate per 1,000 Population		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1950	1.89	.31	2.20	.39	.07	.46
1951	1.41	.33	1.74	.16	.16	.32
1952	2.01	.25	2.26	.25	.08	.33
1953	2.17	.08	2.25	.17	.08	.25
1954	.84	.34	1.18	.34	.08	.42
1955	1.94	.34	2.28	.34	—	.34
1956	1.35	.08	1.43	.25	—	.25
1957	1.69	.17	1.86	.17	—	.17
1958	.84	.08	.92	.08	—	.08
1959	.75	.17	.92	—	.25	.25
1960	.83	.08	.91	.08	—	.08
1961	.63	.16	.79	.08	—	.08
1962	.62	.08	.70	.08	—	.08
1963	.47	.08	.55	—	—	—
1964	.16	—	.16	.16	—	.16
1965	.08	.08	.16	—	—	—
1966	.39	—	.39	.15	—	.15
1967	.15	—	.15	.08	—	.08
1968	.15	—	.15	.08	—	.08
1969	.07	.16	.23	—	—	—
Average for the twenty years	0.92	0.14	1.06	0.14	0.04	0.18
Average for the first 5 year period 1950-1954	1.66	.26	1.92	0.26	0.09	0.35
Average for the last 5 year period 1965-1969	.17	.05	.22	0.06	0.00	0.06

NATIONAL ASSISTANCE ACTS, 1948 and 1951

Section 47 of the 1948 Act

Removal to suitable premises of persons in need of care and attention

It is pleasing to report that no case called for action to be taken by the Council during the year. However, an application is still being made every three months to a Court of Summary Jurisdiction for an extension of an Order in respect of an aged person who was removed to an Institution in 1953.

Caravan Sites:

The total number of licensed sites in the Borough is three.

The Offices, Shops and Railway Premises Act, 1963:

Inspections of premises which come under the provisions of the above Act have proceeded during the year. The number of visits of all kinds (including general inspection) to registered premises during the year was 113. Some minor contraventions were observed during the inspections and these consisted principally of lack of First Aid Kits and Thermometers. The owners or occupiers concerned were instructed to obtain these items to bring their premises completely within the requirements of the above Act. Three accidents were also reported and investigated.

SANITARY CIRCUMSTANCES OF THE AREA

GENERAL SANITATION

Nature of Visit or Inspection	No. of Visits
Water Supplies	349
Drainage	17
Offensive Trade	1
Moveable Dwellings	3
Bakehouses	11
Public Conveniences	17
Refuse Collection	4
Refuse Disposal	4
Rats and Mice	1471
Schools	—
Miscellaneous Sanitary Visits	112

HOUSING

Nature of Visit or Inspection	
Under Public Health Acts	
Number of houses inspected	64
Visits paid to above houses	89
Under Housing Acts	
Number of houses inspected	24
Visits paid to above houses	30
Overcrowding	
Number of houses inspected	5
Visits paid to above houses	5
Verminous Premises	
Number of houses inspected	12
Visits paid to above houses	25
Miscellaneous housing visits	393

INFECTIOUS DISEASES

Inquiries in cases of Infectious Disease	9
Miscellaneous Infectious Disease Visits	—
No. of rooms disinfected	2

MEAT AND FOOD INSPECTION

Inspection of Meat and Meat Shops

Nature of Visit or Inspection	
No. of Slaughterhouses in area	1
No. of visits to above Slaughterhouse	Daily
No. of visits to butchers	80
No. of visits to Shops and Stalls	60

Food Premises

93 food premises have been registered under Section 16 of the Food and Drugs Act, 1955, viz:—

(a) Premises where the manufacture, or storage and sale of ice-cream is carried out 85

(b) Premises used for the preparation or manufacture of sausages, or potted, pressed, pickled or preserved food intended for sale 8

Foodstuffs condemned by the Public Health Inspectors at Shops etc., (excluding the Slaughterhouse):—

Meat Products—192 tins.
Vegitable Products—318 tins
Fruit Products—456 tins
Fish Products—2 tins
Cooked Ham—58 lbs.
Milk Products—29 tins.
Avocado Pears—42 tins.
Frozen Foods—706 pkts.
Bacon—80 lbs.

Condemned foodstuffs are disposed of by burial at the local refuse tip.

Ice-Cream

Registration of Premises for the Manufacture and Sale

Three new premises were registered for the storage and sale of ice-cream during the year, bringing the total number of ice-cream retail premises registered to eighty-five. These premises are all being supplied by the big manufacturers with pre-packed ice-cream. There is one ice-cream manufacturer in the town.

The Food and Drugs Act, 1955

The Food Hygiene (General) Regulations, 1960

Numerous visits to the various food premises in the town have been undertaken by the Public Health Inspectors and on the whole conditions were found to be satisfactory.

There are 111 food premises in the Borough, viz:—

	No. fitted to comply with Reg. 16	No. to which Reg. 19 applies	No. fitted to comply with Reg. 19
Butchers' Shops (10) ..	10	10	10
Grocers' Shops (33) ..	33	28	21
Greengrocers' Shops (14) ..	14	9	9
Bakers' Shops, etc (18) ..	18	18	18
Cafes (20)	20	20	20
Fish & Chip Restaurants (15)	15	15	15
Fishmongers' Shops (1) ..	1	1	1

The Liquid Egg (Pasteurisation) Regulations, 1963.

(i) No. of egg pasteurisation plants in the district ..

(ii) No. of samples of liquid egg submitted to the Alpha-Amylase tests and their results .. ..

} Nil

Poultry Processing Premises

No. of poultry processing premises in the district .. .. Nil

HOUSING

Inspections of dwelling houses during the year

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) 88

(b) Number of inspections, made for the purpose 119

(2)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	7
(3)	Number of dwelling houses (exclusive to those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..	17

Houses Demolished

In Clearance Areas	—
Not in Clearance Areas	—

Unfit Houses Closed

Under Section 17(3) and 26 Housing Act, 1957 ..	—

Housing Act, 1957—Part IV— Overcrowding

(a)	(i)	Number of dwellings overcrowded at the end of the year	38
	(ii)	Number of families dwelling therein ..	44
	(iii)	Number of persons dwelling therein ..	209
(b)	(i)	Number of new cases of overcrowding reported during the year ..	2
	(ii)	Number of cases of overcrowding relieved during the year	7

MEAT INSPECTION

The throughput at the Borough Abattoir again shows a slight decrease as compared with the previous years.

Meat inspection gave rise to considerable extra work during the year. The Slaughterhouse Manager is not qualified to carry out meat inspection and therefore all the meat inspection is the sole responsibility of the Public Health Inspectors.

The following table summarises the amount of carcases and offal inspected and condemned at the Borough Abattoir during the year:–

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART

	Cattle, including Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	3257*	5287	16950	6583	Nil
Number inspected	3257*	5287	16950	6583	Nil
All Diseases except Tuberculosis and Cysticerci.					
Whole carcases condemned	9	24	47	5	Nil
Carcases of which some part or organ was condemned ..	931	11	499	60	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	28.8%	0.66%	3.2%	0.98%	Nil
Tuberculosis Only					
Whole carcases condemned	4	Nil	Nil	2	Nil.
Carcases of which some part or organ was condemned ..	18	Nil	Nil	9	Nil
Percentage of the number inspected affected with tuberculosis	0.67%	Nil	Nil	0.16%	Nil
Cysticercosis.					
Carcases of which some part or organ was condemned..	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration ..	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned	Nil	Nil	Nil	Nil	Nil

FOOD AND DRUGS ACT AND REGULATIONS

The Food and Drugs Au thority for the area is the County Council Mr. E. G. Nicholls, Ch ief Inspector of the County Council, reports as follows on work done during the year in the area of the Carmarthen Borough under the Food and Drugs Act, 1955 and the various Regulations and Orders made thereunder:—

Total number of samples of foodstuffs and drugs submitted to the Public Analyst for analysis for compositional quality and purity ..	69
Informal samples of milk tested for compositional quality by the Food and Drugs Inspectors	12
Milk samples submitted for examination for bacteriological quality etc. at the Public Health Laboratory, Glangwili ..	35
	116

Milk samples submitted to the Public Analyst

Number of samples submitted	38
Certified to be genuine	33
Slightly deficient in Non-fatty-solids due to natural causes	3
Contained Antibiotic Residues	1
Sterilised Milk unsatisfactory on account of the fact that it had a curdled appearance and slightly bitter taste ..	1

A warning was issued in respect of the sample of Untreated Milk reported by the Public Analyst to contain antibiotic residues (0.1 International Units per Millilitre) – this being the first occasion for traces of antibiotics to be found in milk sold by the milk-producer concerned.

A warning was also given to a dairy company in respect of Sterilised Milk which was the subject of a complaint by the consumer owing to the fact that it had a curdled appearance and a slightly bitter taste. The Public Analyst found that the milk was not sour and had been properly sterilised and came to the conclusion that the peculiarities were due to bacterial contamination.

Informal samples of Milk

Twelve informal samples of milk were taken at schools and other establishments and were tested for compositional quality at this office by the Food and Drugs Inspectors. All the samples were found to be genuine in Butter-fat and Non-fatty-solids content.

Miscellaneous articles of Food and Drugs

Number of samples submitted to the Public Analyst	31
Certified to be genuine	25
Certified to be unsatisfactory	6

Particulars of the Unsatisfactory Samples

Description of Sample	*Nature of deficiency or irregularity and the administrative action taken*
Low Calorie High Protein Bread	Description not justified as calorific value was similar to that of ordinary bread. The bakery firm concerned was informed of the irregularity and instructed to modify the description.
Lime Jelly Marmalade	Slightly deficient in fruit (Fruit content: 19% Minimum Standard: 20%) Manufacturers warned.
Pork Luncheon Meat (Two samples)	1.5% and 2.5% deficient in meat content respectively. This was an imported product. The distributors in this country were warned.
Instant Coffee (Two samples)	Both samples contained only 2.6% caffeine whereas, in the Public Analyst's opinion, instant coffee should contain at least 3% caffeine. There is no statutory requirements for the caffeine content of instant coffee. The manufacturers were informed of the Public Analyst's observations.

Articles of food examined by the Food and Drugs Inspectors and not submitted to the Public Analyst

A carton of Dairy Cocktail was brought to this department by the purchaser who had found the contents to be mouldy and fetid. Legal proceedings were instituted against the manufacturers under Sections 2 and 113 (3) of the Food and Drugs Act and a fine of £20 was imposed.

Investigations were carried out in respect of a complaint that a piece of glass had been found in a bottle of milk. The bottle cap could not be produced and all the milk had been used. It was, therefore, considered inadvisable to take legal action. The dairy company concerned was warned.

A complaint was received in respect of a Steak and Kidney Pie in which a piece of metal foil wrapping was alleged to have been found. In view of the fact that the pie was not brought to this department until a fortnight after it had been purchased, it was decided not to take legal action but to warn the manufacturers.

A complaint was also received in respect of a Meat Pasty alleged to contain particles of glass. The complainant did not wish to be involved in legal proceedings and the circumstances were such as to make legal action inadvisable.

The Milk (Special Designation) Regulations, 1963 and 1965

Thirty-five samples of milk were taken from licensed milk-dealers and submitted to the Public Health Laboratory, Glangwili, for examination for bacteriological quality, etc., The results of the tests carried out on these samples were as follows:—

Pasteurised Milk

Satisfied the Phosphatase test for adequacy of heat treatment and the Methylene Blue Test for bacteriological quality ..	13
Failed the Methylene Blue Test but satisfied the Phosphatase test	4
	17

Sterilised Milk

The ten samples taken satisfied the prescribed test.

Untreated Milk

Eight samples of Untreated Milk were submitted and all of them were reported to have satisfied the Methylene Blue Test.

These eight samples of Untreated Milk were also examined for Brucella abortus under the Brucella Ring Test. All the samples gave negative results.

AMOUNT OF SHIPPING ENTERING THE PORT SANITARY DISTRICT DURING THE YEAR 1969

There is nothing to report under any of the headings.

Administration of the Factories Act, 1961

Duties of the Sanitary Authority under the Factories Acts have been carried out by the Public Health Inspectors as part of their routine work, and a close liaison has been maintained, as in former years with the District Inspector of Factories.

PART 1 OF THE ACT

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register.	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	42	17	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	107	53	Nil	Nil
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	Nil	Nil	Nil	Nil
Total	149	70	Nil	Nil

2. Cases in which defects were found.

Particulars.	Number of cases in which defects were found				No. of cases in which prosecutions were instituted.
	Found.	Remedied	Referred.		
			To H.M. Inspector.	By H.M. Inspector.	
Want of cleanliness (S.1.) ..	2	2	Nil	Nil	Nil
Overcrowding (S.2.)	1	1	Nil	Nil	Nil
Unreasonable temperature (S.3.)	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation (S.4.) ..	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6.)	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences (S.7.) ..					
(a) Insufficient	1	1	Nil	Nil	Nil
(b) Unsuitable or defective ..	2	2	Nil	Nil	Nil
(c) Not separate for sexes ..	Nil	Nil	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork)	Nil	Nil	Nil	Nil	Nil
Total	6	6	Nil	Nil	Nil

PART VIII OF THE ACT—OUTWORK
(Sections 133 and 134)

The return required under Part VIII of the Act is 'Nil'